



Region East-Flanders, Belgium

Welcome to East-Flanders!

East-Flanders, in northwestern Belgium, features a diverse landscape shaped by natural and human influences: from lowland plains, fertile agricultural zones, to the hilly Flemish Ardennes. Soil types range from sand over loam to clay, influencing land use. Rivers like the tidal Scheldt define its fluvial character, supporting biodiversity, the ecological significance and rural charm of the region.

Demonstrator: Flemish Ardennes

- Around the city of Ronse, featuring rolling hills (up to 150 mTAW), loamy soils, and cut valleys.
- Supports mixed agriculture, forests, and hedgerows
- Climate hazards: flooding, erosion (short-term); drought, heat stress (long-term)
- VLM (Flemish Government Land Agency) land development project approved in the area since October 2023
- Multidisciplinary team of experts investigating the regions potential and needs in close collaboration with NBRACER partners and many local stakeholders.



Demo 1: Agricultural practices for regional climate resilience

Support local agricultural practices and farmers towards sustainable farming, reducing erosion impacts on water and soil, while enhancing climate-resilient water management.

Co-design actions:

- Interviewing local farmers
- Identifying early adopters and evaluating initial implementation challenges
- Gathering technical knowledge and monitoring effects on soil and water
- Exchanging with regional partners to develop practical support for farmers



Enabling conditions

- Behavioral change with municipalities and farmers
- Data and knowledge build up

Enabling conditions

- Finances and resources
- Governance and engagement

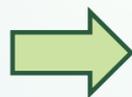
Demo 2: Riparian zones for regional climate resilience

Most projects still prioritize large-scale water buffering and storage in basins; however, river restoration, including riparian zones in small zones alongside water courses, can be a promising NbS for climate-resilient water management.

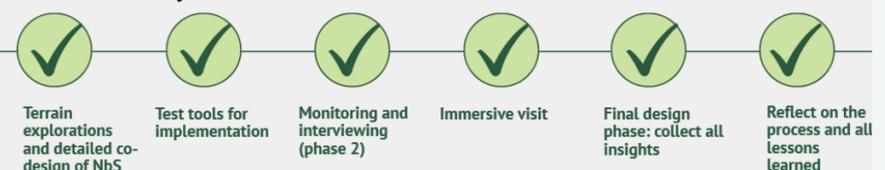
Co-design actions:

- Interviewing Flemish authorities on NbS potential, tools and funding
- Identifying key technical and resource enablers
- Collaborating with regional actors and other EU projects on the identification of provided Ecosystem Services
- Testing tools to support implementation and boost user engagement

Past 2 years



Future 2 years



Regional Partners:

